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FIG 1

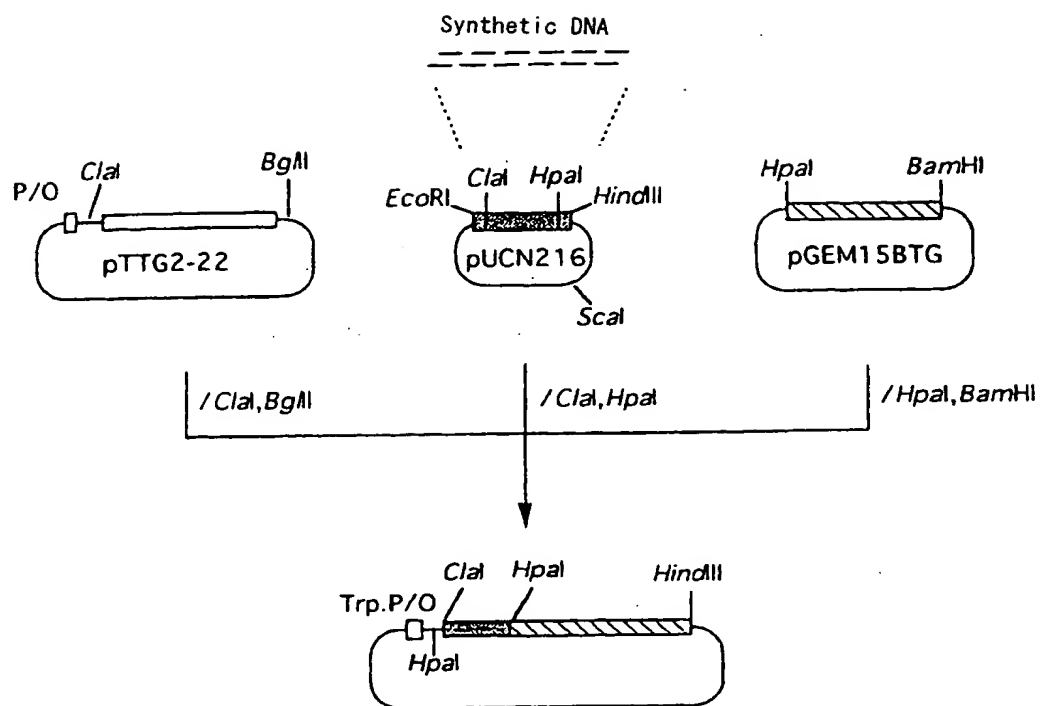


FIG 2

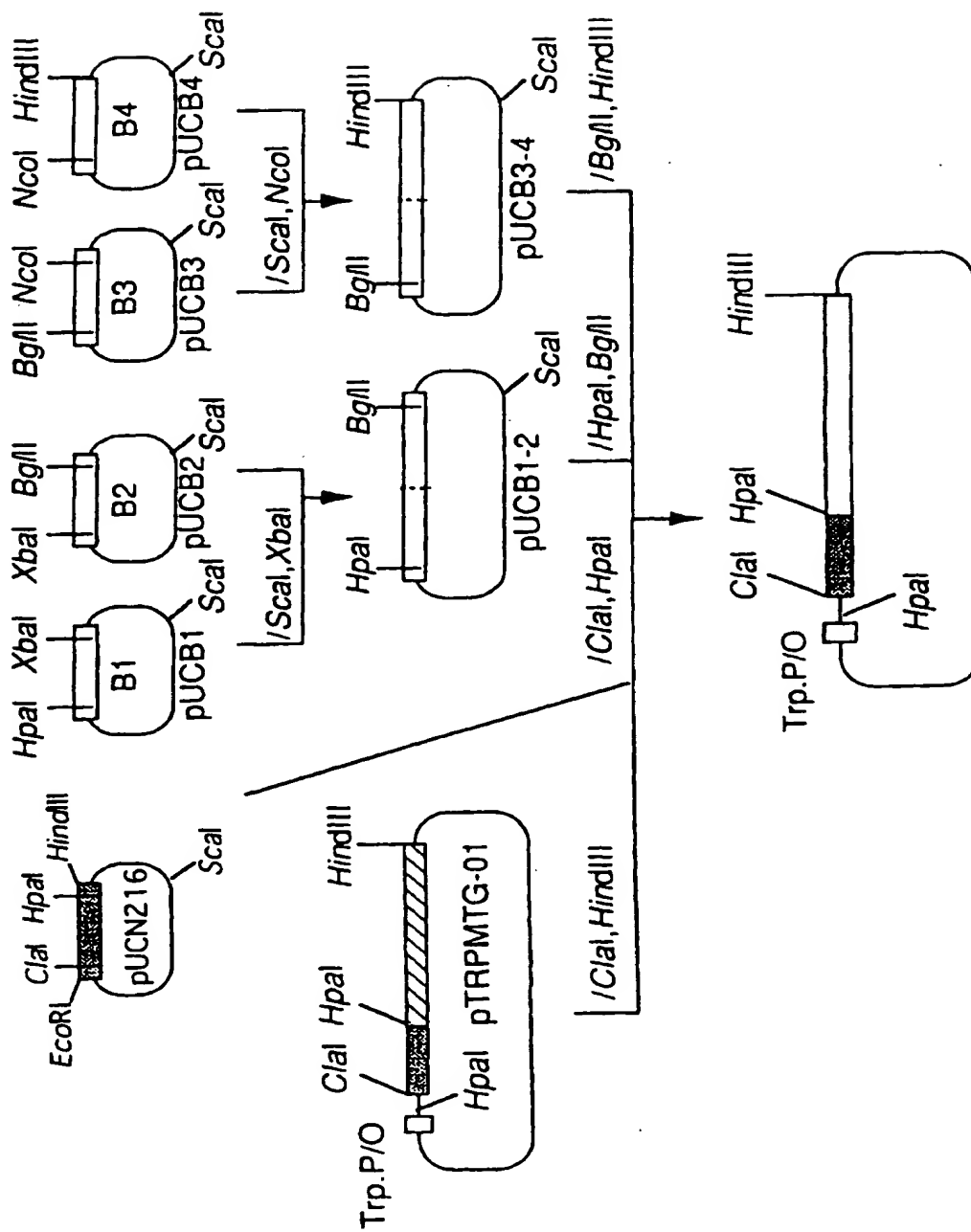


FIG 3

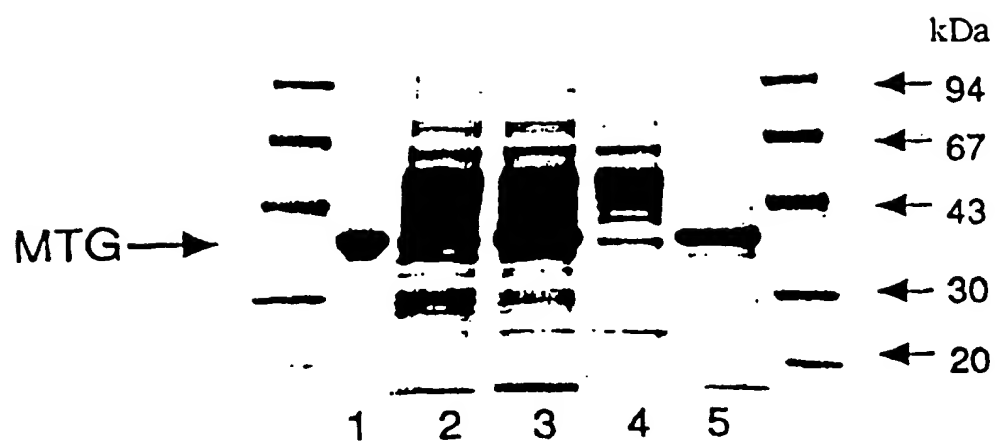


FIG 4

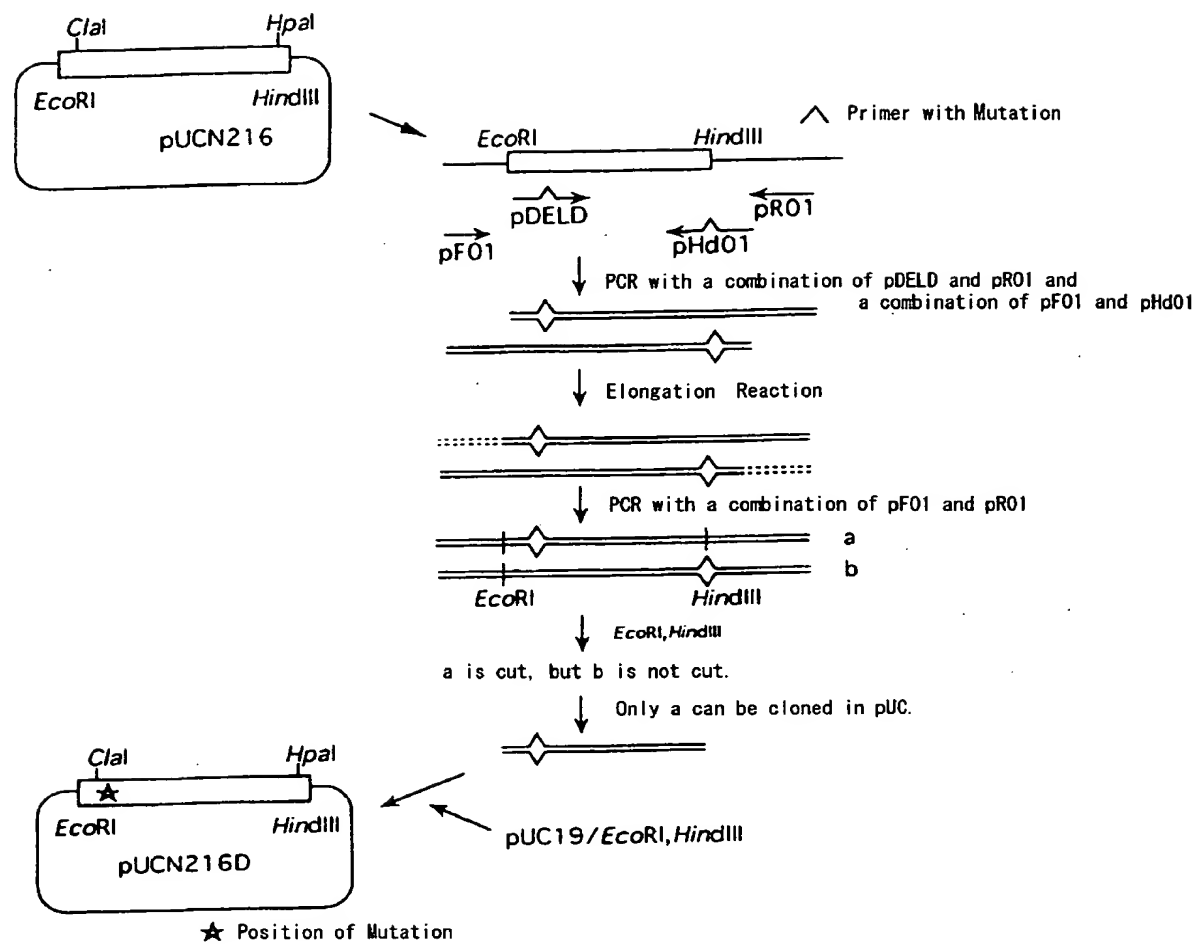


FIG 5

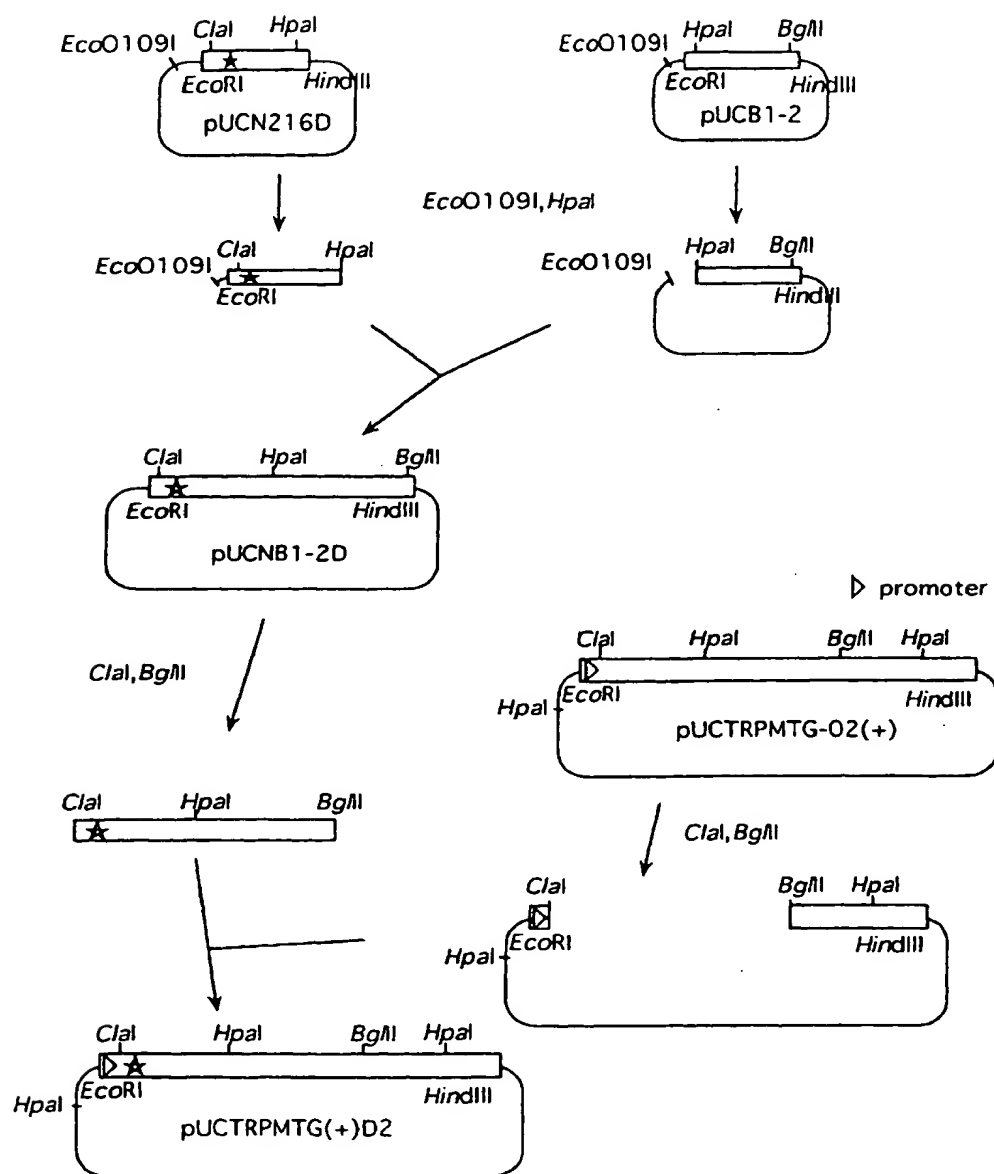


FIG 6

pUCTRPMTG(+)02 : ...TTTAAATGGATTCTGACGAT...

M D S D D

pUCTRPMTG(+)D2 : ...TTTAAATG---TCTGACGAT...

M S D D

Natural-type MTG : D S D D

- is a deleted base

FIG 7

MTG in pUCTRPMTG(+)D2 : SDDRV

For reference

Natural-type MTG : DSDDRV

MTG in pUCTRPMTG(+)02 : MDSDDRV

FIG 8

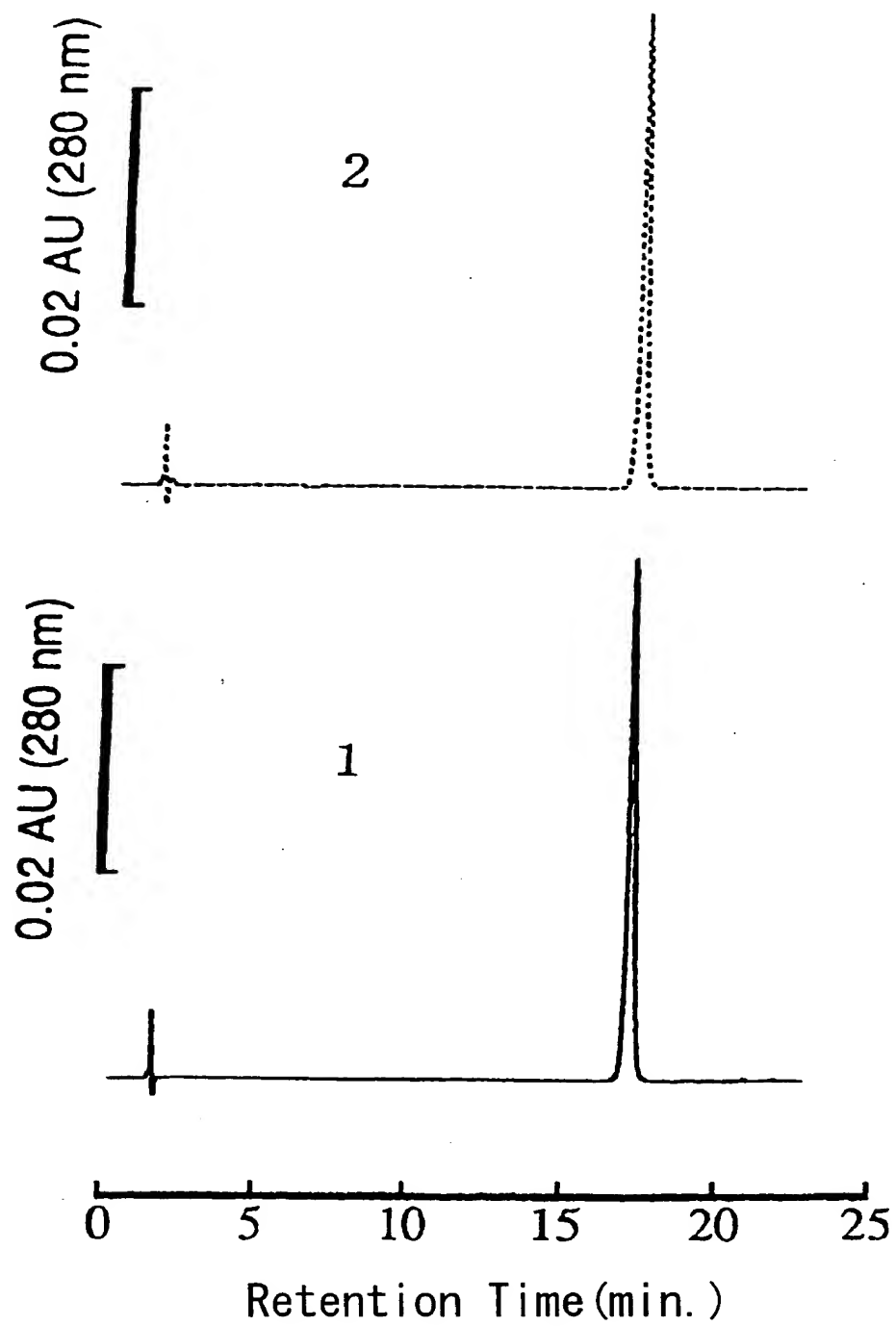


FIG 9

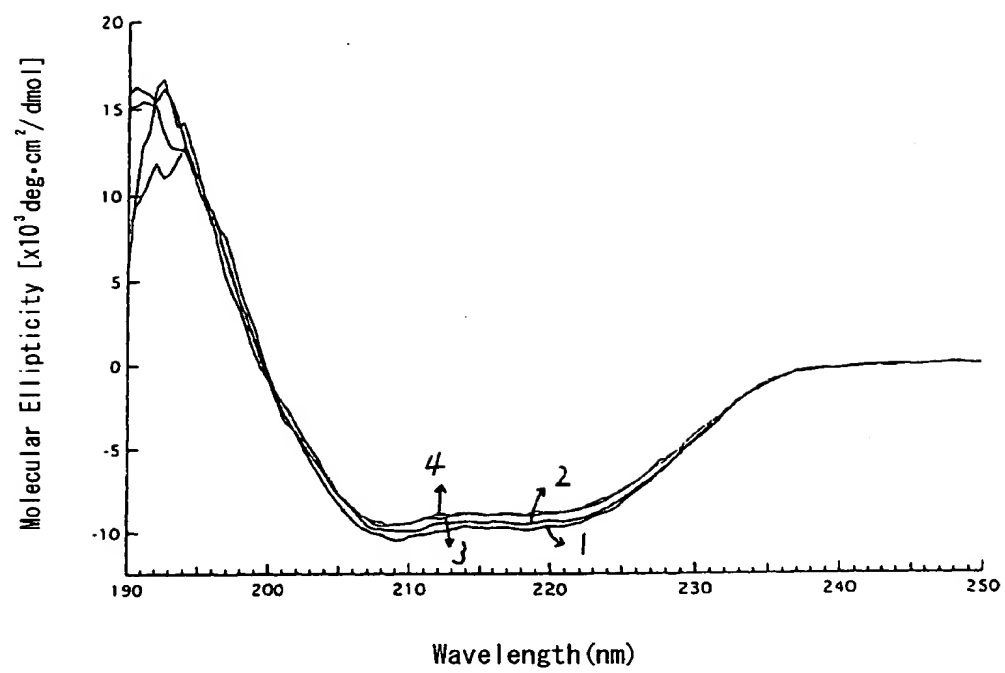


FIG 10

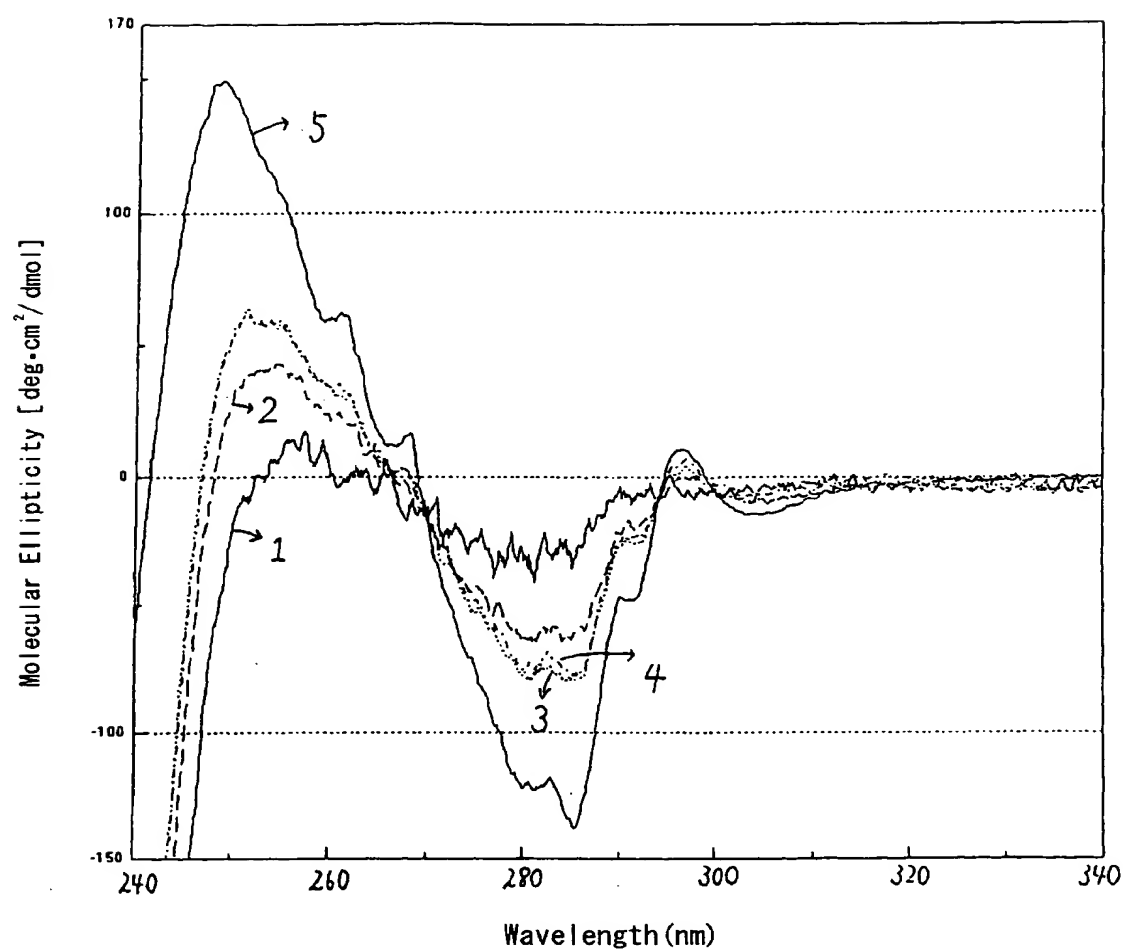


FIG 11

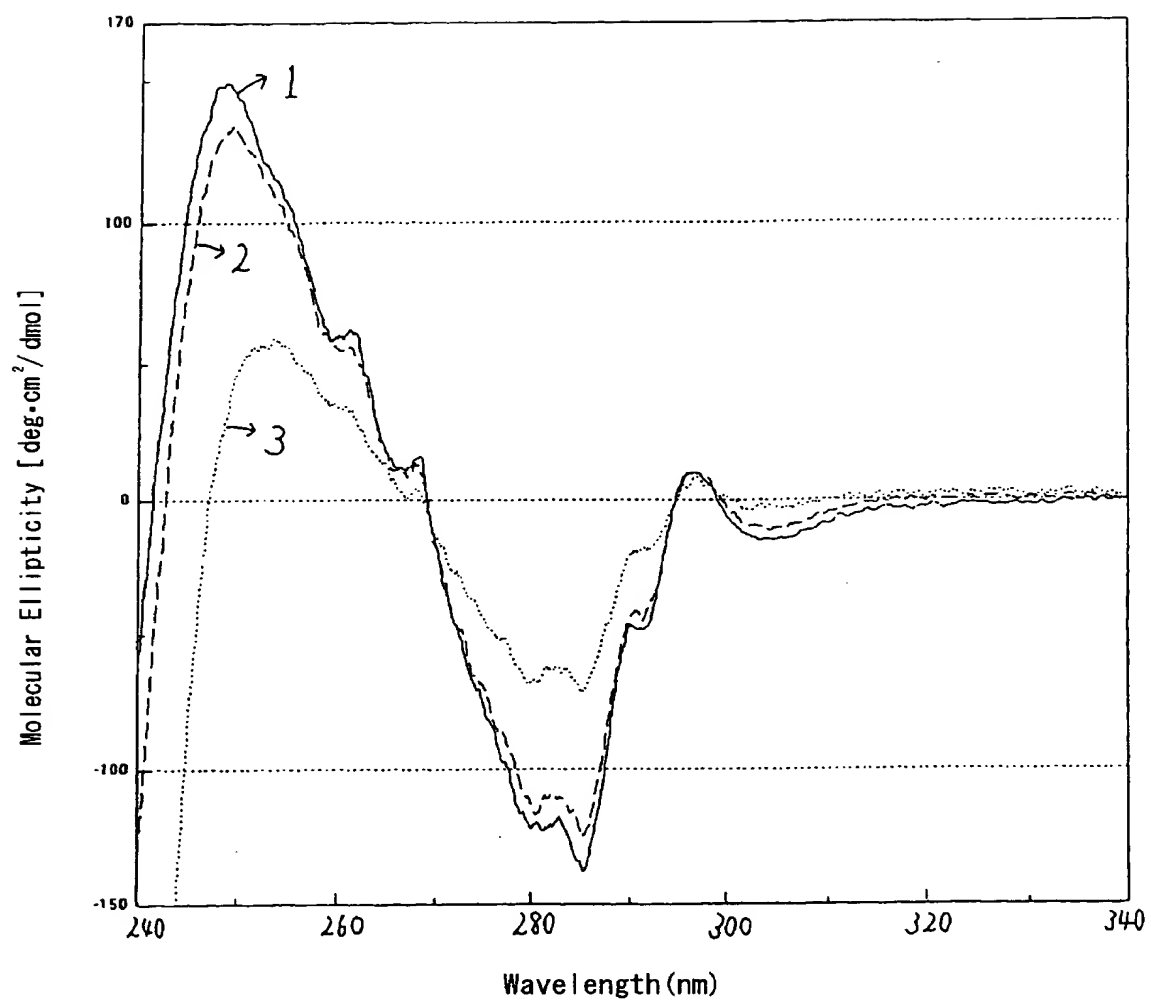


FIG 12

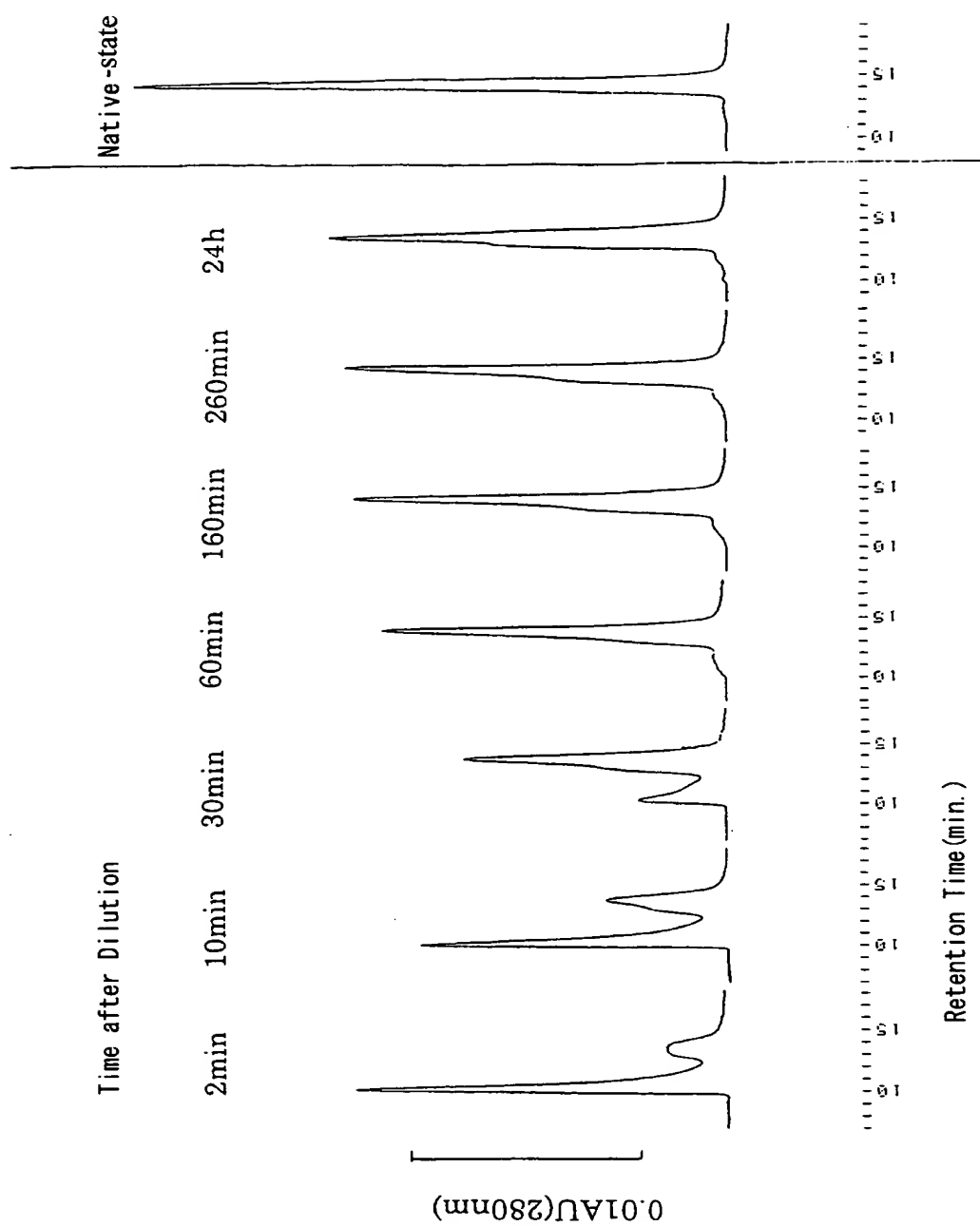
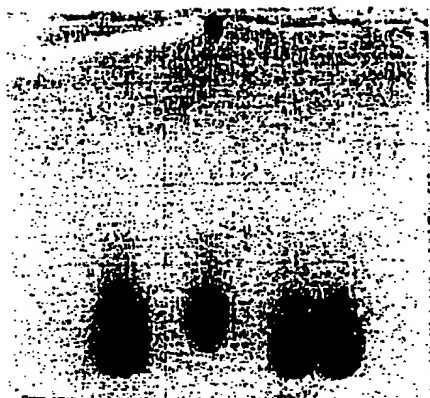


FIG 13



1 2 3 4

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